

Title (en)

DRILLING AND/OR PERCUSSIVE HAMMER WITH COOLING BY FREE CONVECTION

Title (de)

BOHR- UND/ODER SCHLAGHAMMER MIT FREIKONVEKTIONS-KÜHLUNG

Title (fr)

MARTEAU PERFORATEUR ET/OU À PERCUSSION AVEC REFROIDISSEMENT PAR CONVECTION LIBRE

Publication

EP 2523781 B1 20140402 (DE)

Application

EP 11700998 A 20110113

Priority

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- EP 2011000126 W 20110113

Abstract (en)

[origin: WO2011085986A1] The invention relates to a drill hammer and/or impact hammer having an internal combustion engine (1) and a hammer mechanism (5) that can be driven by the internal combustion engine (1) by means of a transmission (3). A part of the engine housing (7), the transmission housing (8), or the impact hammer mechanism housing (11) is enclosed by a cover (19). The cover (19) is spaced at a distance from the remainder of the machine, so that a gap (20) is present between the cover (19) and the remainder of the machine. Cooling air can flow into the gap (20) at the lower face of the cover (19) and flow back out via a flue (22) and an opening (23). The components beneath the cover (19) are thereby effectively cooled, even without an additional cooling air blower.

IPC 8 full level

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CPC (source: EP US)

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